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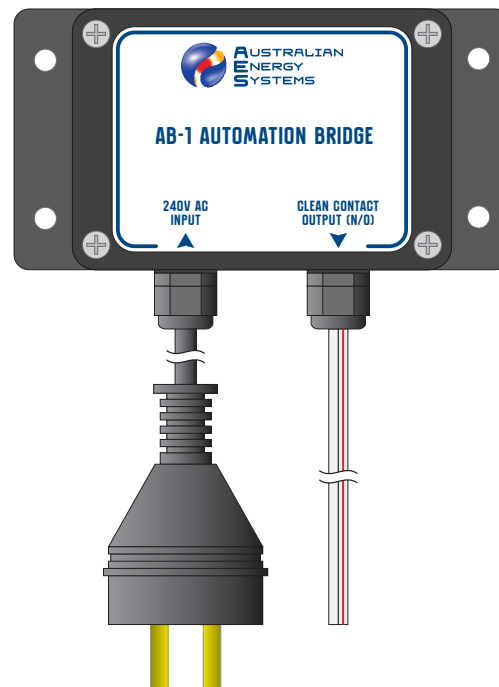


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AB-1 AUTOMATION BRIDGE

INSTRUCTION LEAFLET



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AB-1 OVERVIEW

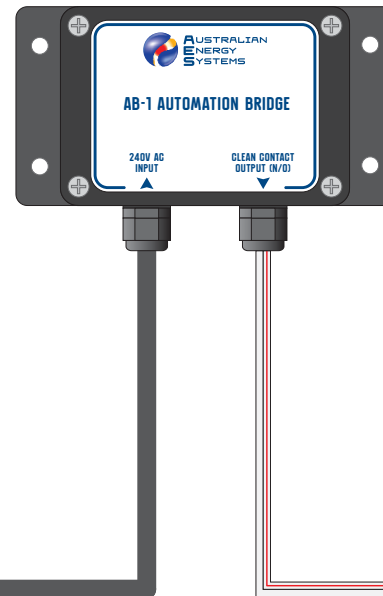
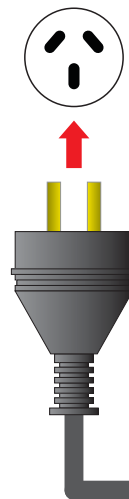
The AB-1 Automation Bridge converts a 240 V AC output from an automation controller (e.g. Connect 10) to a clean contact control input for a heat pump.

- The AB-1 must be installed by a qualified technician who is experienced with both the automation controller and heat pump being connected.
- The automation controller must be set as the temperature controller. Consult its instruction manual for connecting a temperature sensor and setting the relevant 240 V AC output to be a temperature control output.
- Set the automation controllers temperature set point to the desired pool water temperature.
- Set the heat pump's temperature set point to at least 1°C higher than the automation controller's temperature set point.
- Connect the AB-1 output lead to the heat pump's clean contact control input. The AB-1 output cable can be connected with any polarity. Consult the heat pump's instruction manual for the connection information.

The AB-1 will now signal the heat pump to heat whenever the automation controller activates the 240 V AC heating control output.

AB-1 CONNECTIONS

AUTOMATION
CONTROLLER
240 V AC
TEMPERATURE
CONTROL OUTPUT



HEAT PUMP
CLEAN CONTACT
HEATING CONTROL
INPUT
(EITHER POLARITY)

